EVERYDAY, COMPACT WORKHORSE WITH BIG IMPACT
Great for smaller, midsized productions, the ERA 300 Profile is designed to fit anywhere, be easy to handle and rig, and take up less truck space. Boasting full, professional features, this fixture bundles 9,500 lumens of output; electronic dimming and strobe; CMY color mixing; color wheel; two layers of gobos, including rotating gobos, iris; zoom; focus; rotating prism; and pan and tilt.

260 WATT LED LIGHT SOURCE
Featured with an extremely efficient 260 watt and 20,000 lumen LED light source, the ERA 300 Profile delivers more output than typically associated with similar-sized and featured fixtures. Fully electronic dimming ensures extremely fast strobing, instant intensity control, and a flat, consistent field that can be maintained down to zero percent.

CMY COLOR MIXING
Onboard CMY color mixing offers wide-ranging versatility from subtle pastels to deep, vibrant, colors, as well fast transitions and smooth fades. With the additional 9 slot color wheel, the ERA 300 Profile also produces nice color splits and fast color bumps, as well as extending the overall color gamut and brightness of certain colors. The color wheel also features a CTO filter to obtain a 3000K tungsten color temperature.

1:2 ZOOM
With a 13 to 28 degrees zoom, the ERA 300 Profile works great on various trim heights and the 28 degrees wide angle delivers enough spread for a great coverage on smaller stages. Zooming is fast and accurate and maintains a high output throughout the range.

Profile also delivers increased ROI with minimal maintenance. The steady, stable LED source eliminates worries of lamp aging, loss of output, shifts in color temperature, and fans sucking dirt through the optical path. And, the modular design makes accessing and maintenance extremely safe, quick, and easy. The ERA 300 Profile is built for the road and is ideal for small and mid-sized concert and touring, live TV productions, corporate shows, cruise line and houses of worship.

The Martin ERA 300 Profile is a very compact profile fixture with an extremely efficient 260W white LED engine that produces a sharp gobo projection with a flat field and more output than typically associated with similar-sized and featured fixtures. This modern, everyday workhorse is designed to fit anywhere, is easy to handle and rig, takes up less truck space, and boasts full, professional features, including CMY color mixing and 1:2 zoom and 9,500 lumens of output. Additional features include electronic dimming and strobe, color wheel, and two layers of gobos, including rotating gobos, iris, rotating prism and pan/tlt. The electronic dimming ensures extremely fast strobing, instant intensity control and maintains a consistent flat field down to zero percent. Onboard CMY color mixing offers wide-ranging versatility from subtle pastels to deep, vibrant, colors, as well fast transitions and smooth fades. And, with 13 to 28 degrees of zoom, the ERA 300 Profile is perfect for various trim heights and is wide enough to ensure great coverage on smaller stages. The Martin ERA 300 Profile also delivers increased ROI with minimal maintenance. The steady, stable LED source eliminates worries of lamp aging, loss of output, shifts in color temperature, and fans sucking dirt through the optical path. And, the modular design makes accessing and maintenance extremely safe, quick, and easy. The ERA 300 Profile is built for the road and is ideal for small and mid-sized concert and touring, live TV productions, corporate shows, cruise line and houses of worship.
ERA 300 PROFILE
COMPACT LED MOVING HEAD WITH CMY COLOR MIXING AND ZOOM

FEATURES

- 260 watt / 6,500K LED light source
- 9,500 lumen output
- Full feature set including CMY color mixing and 1:2 zoom
- Crisp optics with flat field
- Very compact and low weight design

ORDERING INFORMATION

MODELS

- Martin ERA 300 Profile in cardboard box ............... P/N 9025109547
- Martin ERA 300 Profile White in cardboard box: .... P/N 902510986

Specifications are subject to change without notice. For the latest product specifications, see www.martin.com

INCLUDED ITEMS

- Power cable, 1.5 m [4.9 ft.] 18AWG/0.75 mm2 without mains plug
- Omega brackets for rigging clamp attachment

ACCESSORIES

- Cables, 16 A, for connection to power in chains:
  - Power input cable, H07RN-F, 2.5 mm², 14 AWG, bare ends to Neutrik TRUE1 NAC3FX-W [female], 1.5 m [4.9 ft.] ...................... P/N 91611797
  - Power input cable, H07RN-F, 2.5 mm², 14 AWG, bare ends to Neutrik TRUE1 NAC3FX-W [female], 5 m [16.4 ft.] ........................ P/N 91611786
  - Link Cable, H07RN-F Neutrik TRUE1-TRUE1 0.45 m [1.5 ft.] ......................... P/N 91611784
  - Link Cable, H07RN-F Neutrik TRUE1-TRUE1 1.2 m [3.9 ft.] ........................ P/N 91611785
  - Link Cable, H07RN-F Neutrik TRUE1-TRUE1 2.5 m [8.2 ft.] ........................ P/N 91611796
  - Power connectors: Neutrik PowerCON TRUE1 NAC3MX-W [male] ...................... P/N 91611788
  - Neutrik PowerCON TRUE1 NAC3FX-W [female] ........................ P/N 91611789

INCLUDED ITEMS

- Power cable, 1.5 m [4.9 ft.] 18AWG/0.75 mm2 without mains plug
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ACCESSORIES

- Cables, 16 A, for connection to power in chains:
  - Power input cable, H07RN-F, 2.5 mm², 14 AWG, bare ends to Neutrik TRUE1 NAC3FX-W [female], 1.5 m [4.9 ft.] ...................... P/N 91611797
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  - Link Cable, H07RN-F Neutrik TRUE1-TRUE1 0.45 m [1.5 ft.] ......................... P/N 91611784
  - Link Cable, H07RN-F Neutrik TRUE1-TRUE1 1.2 m [3.9 ft.] ........................ P/N 91611785
  - Link Cable, H07RN-F Neutrik TRUE1-TRUE1 2.5 m [8.2 ft.] ........................ P/N 91611796
  - Power connectors: Neutrik PowerCON TRUE1 NAC3MX-W [male] ...................... P/N 91611788
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ERA 300 PROFILE
COMPACT LED MOVING HEAD WITH CMY COLOR MIXING AND ZOOM

TECHNICAL SPECIFICATIONS

PHYSICAL
Weight ........................................ 17 kg (38lbs)
Dimensions .................................. 375 x 217 x 564 mm (14.8 x 8.5 x 22.2 in)

DYNAMIC EFFECTS
Electronic *shutter* effect……………Strobe effect, pulse effects, instant open and blackout
Electronic dimming ......................... 0 - 100%, four dimming curve options
Color mixing .................................. CMY, independently variable 0-100%
Color wheel .................................. 9 color filters plus open
Rotating gobo wheel ......................... 7 gobos plus open, wheel rotation, gobo rotation, indexing and shake
Static gobo wheel ......................... 9 gobos plus open, wheel indexing, rotation and shake
Zoom ........................................ Motorized
Focus ........................................ Motorized
Iris ........................................ 0-100%
Beam effects ................................ Rotating three-facet prism
Pan ........................................... 540°, coarse & fine control and speed
Tilt ........................................... 260°, coarse & fine control and speed

CONTROL AND PROGRAMMING
Control options ......................... DMX
RDM ........................................ Implemented
DMX channels ................................ 21ch
Setting and addressing ................ Control panel with backlit LCD display
DMX compliance .................. US/IT DMX512/1990

OPTICS AND SOURCE
Light source ................................ 240W LED engine
Zoom range .................................. 13° - 28°
Fixtures luminous output ................. 9500 lumens
Light engine luminous output ........... 20000 lumens
CRI ........................................ >70
CCT ......................................... 6500 Kelvin
LED refresh rate .............................. 1200 Hz
Minimum LED lifetime ..................... 15000 hours (to >70% luminous output)*

*Manufacturer’s figure obtained under manufacturer’s test conditions

CONSTRUCTION
Color ........................................... Black/White
Housing ...................................... High-impact flame-retardant thermoplastic
Protection rating .......................... IP 20
Installation mounting points .......... Two quarter-turn brackets for rigging clamps
Protection rating ......................... IP20
Orientation ................................. Any

CONNECTIONS
AC power input ......................... Neutrik powerCON TRUE1
AC power throughput ................. Neutrik powerCON TRUE1
DMX data in/out ......................... 3-pin & 5-pin locking XLR

ELECTRICAL
AC power .................................. 100-240V nominal, 50/60 Hz
Power supply unit .................... Auto-ranging electronic switch mode
Fuse ........................................ T 6.3A

TYPICAL POWER AND CURRENT
120V, 60Hz ................................... 3.13A, 362W, PF 0.993
230V, 50Hz ................................... 1.62A, 362W, PF 0.993

Measurements made at nominal voltage with all LEDs at full intensity. Allow for a deviation of +/- 10%.

THERMAL
Cooling .................................. Forced air (temperature regulated, low noise)
Maximum ambient temperature [Ta max.] ...................... 40° C
Minimum ambient temperature [Ta min.] ...................... 0° C

APPROVALS
EU safety ................................ EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
EU EMC ........................................ EN 55015, EN 55032, EN 55103-2, EN 61000-3-2-3, EN 61547
US safety ................................ UL 1573
US EMC ........................................ FCC Part 15 Class B
Canadian safety ........................ CSA C22.2 No. 164
Canadian EMC ........................ IEC 61547, IEC 62471
Australia/NZ ....................... RCM

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